

Converting Colors

Hex(00CD6D)

Have a look what the booklet for
Hex(00CD6D) contains.

Hex(00CD6D)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(00CD6D)

Conversions

Conversions Part 1

Format	Color
Hex	00CD6D
RGB	0, 205, 109
RGB Percent	0%, 80%, 43%
CMY	1.0000, 0.1961, 0.5725
CMYK	1.00, 0.00, 0.47, 0.20
HSL	152°, 100%, 40%
HSV	152°, 100%, 80%
XYZ	24.5916, 44.7668, 21.8127
YIQ	132.7610, -91.3640, -73.3160

Conversions

Conversions Part 2

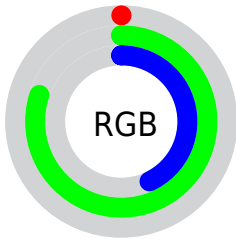
Format	Color
RYB	0, 134, 205
Decimal	52589
CIELab	72.74, -63.89, 35.97
CIELCh	73, 73.317, 150.618
Yxy	44.7668, 0.2697, 0.4910
Android (android.graphics.Color)	4278242669 (0xFF00CD6D)
YUV	132.7610, -11.7142, -116.4314
Hunter-Lab	66.9080, -51.4823, 27.5064

Details

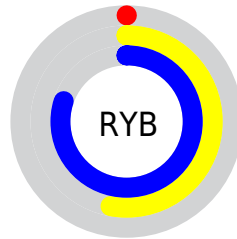
The Hex color **00CD6D** is a dark color, and the websafe version is hex **00CC66**. The color can be described as dark washed spring green. A complement of this color would be **CD0060**, and the grayscale version is **858585**.

A 20% lighter version of the original color is **66FFA2**, and **00953B** is the 20% darker color. If you saturate the color by 10%, you get **00CD6D**, and if you desaturate by 10%, it is **14CD77**.

Distribution



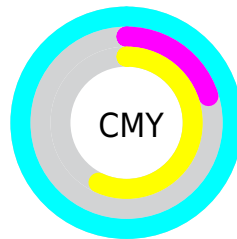
- Red (0%)
- Green (80%)
- Blue (43%)



- Red (0%)
- Yellow (53%)
- Blue (80%)



- Cyan (100%)
- Magenta (0%)
- Yellow (47%)
- Black (20%)



- Cyan (100%)
- Magenta (20%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00CD6D changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 00CD6D by changing the saturation by 10% instead.

 00CD6D

 00CD6D

FFFFFF

 00B154


 66FFA2

 00953B

 86FFBD

 007A23

 A6FFD9

 006007

 C4FFF6

 004600

 E3FFFF

 002F00

 001100

 000000

 00CD6D

 14CD77

 29CD80

 3ECD8A

 52CD93

 67CD9D

 7BCDA7

 90CDB0

 A4CDBA

 B9CDC3

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



8FC231



00CD6D



00D2B2

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



00CD6D



00BAFF



FF7B72

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



00CD6D



CD0060

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FF70B4



00CD6D



B3A0FF

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



00CD6D



00CAFF



FF82F5



FF9639

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



00CD6D



00D2E0



FF82F5



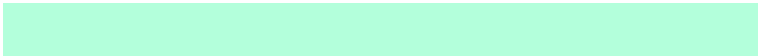
FF7487

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



00CD6D



B3FFDB



63CD00



52806A



000000



808080

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



00CD6D



00FF88



00CACD



5C6661



00A658



002614

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



CD0060



FF0077



CD0300



665C61



A6004E



260012

Previews

White Background



This preview shows how the Hex color 00CD6D looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 00CD6D looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 00CD6D Background



This preview shows how black text looks on a background with the Hex color 00CD6D.

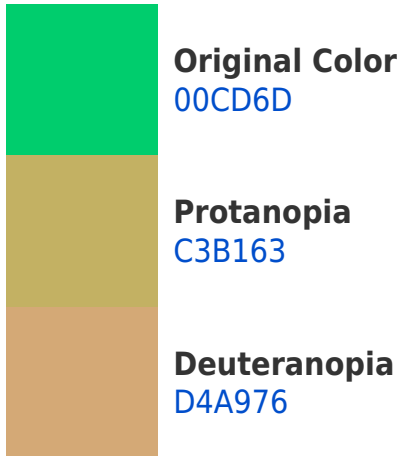


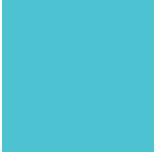
This preview shows how white text looks on a background with the Hex color 00CD6D.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy





Tritanopia
4DC2D1

Trichromacy



Original Color
00CD6D



Protanomaly
7CBB67



Deuteranomaly
87B673



Tritanomaly
31C6AD

Monochromacy



Original Color
00CD6D



Achromatopsia
858585



Achromatomaly
559F7C

CSS Examples

Text

The CSS property to change the color of the text to Hex 00CD6D is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #00CD6D looks like.

```
.text, #text, p{  
    color:#00CD6D  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #00CD6D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00CD6D
}
```

Border

The CSS property to change the border of an element to Hex 00CD6D is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#00CD6D }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#00CD6D }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #00CD6D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00CD6D; -webkit-box-shadow:4px 4px  
4px 4px #00CD6D; box-shadow:4px 4px 4px  
4px #00CD6D }
```

Background

The CSS property to change the background color of an element to Hex 00CD6D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00CD6D }
```

If only the background color should be changed can be used:

```
.background{ background-color:#00CD6D }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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